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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/676,718	09/30/2003	Sankara Sastry Varanasi	50325-0820	2950
29989 7590 08/23/2007 HICKMAN PALERMO TRUONG & BECKER, LLP 2055 GATEWAY PLACE SUITE 550 SAN JOSE, CA 95110			EXAMINER AUGUSTINE, NICHOLAS	
			ART UNIT 2179	PAPER NUMBER
			MAIL DATE 08/23/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/676,718

Applicant(s)

VARANASI ET AL.

Examiner

Nicholas Augustine

Art Unit

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

- A. In response to the following communications: Amendment filed 06/04/2007. This action is made **Final**.
- B. Claims 1-42 remains pending in this case

Specification

1. The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: Claim 13 discloses a "computer-readable storage medium" this term is not disclosed in the specification.

Claim Objections

2. Claims 14-22 are objected to because of the following informalities: fail to refer back to parent claim 13. The amendment to claim 13 "computer-readable storage medium" was not implemented for claims 14-22 to amend "computer-readable medium" to "computer-readable storage medium" for proper antecedent basis. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Underwood et al (US 6,697,825 B1).

As for independent claim 1, Underwood teaches a system for generating a graphical user interface for an application program (col.4, lines 50-61), comprising: one or more business objects that define functions of the application program (col.13, lines 52-61); one or more metadata elements defining parameters for the functions of the business object (col.21, lines 5-11); a controller configured for invocation by a browser and communicatively coupled to one or more actions, widgets, and panels (col.41, lines 14-36); a service object manager coupled to the controller and to the business objects, and configured to supply service object parameter values from the business objects and metadata elements to the actions (col.41, lines 37-57); wherein the controller comprises logic configured to receive a user request from the browser and to dispatch the user request to one or the actions (col.42, lines 21-34); wherein the actions comprises logic configured to interact with the business objects through service object manager to obtain service object parameter values to the actions (col.41, lines 47-53);

wherein the controller comprises logic configured to associate the service object parameter values with one of the widgets, place the one of the widgets in one of the panels (col.42, lines 4-20), and to generate an HTML user interface page that includes the panel (col.42, line 18).

(Note: columns 39-44 as a simple outline of the disclosed art, further reading around the subject yields a better understanding of terms and definitions as well as practice of use.)

As for independent claims 2,13,23 and 33, Underwood teaches a method and corresponding medium and apparatus of automatically generating a consistent user interface for an application program (col.4, lines 50-61; templates user defined-producing automatic page creation in particular layout, style, etc), the method comprising the computer-implemented steps of: receiving one or more business objects that each define a user action for the application program (col.13, lines 52-61); receiving one or more metadata elements defining parameters for the user actions of the business object (col.21, lines 5-11); invoking a controller that is communicatively coupled to one or more actions, widgets, and panels (col.41, lines 14-36); receiving a user request from the browser and dispatching the user request to one or the actions (col.42, lines 21-34); obtaining, using the actions, one or more parameter values from the business objects (col.41, lines 47-53); associating, using the actions, the business object parameter values with a widget selected from among the one or more widgets (col.42, lines 4-20); associating the selected widget with a panel selected from the one or more panels

(col.42, lines 4-20); and generating an HTML user interface page that includes the selected panel (col.42, line 18).

As for dependent claims 3-11, 13-22, 24-32 and 34-42, Underwood teaches a method and corresponding medium and apparatus as recited in Claims 2,13,23,and 33,

- wherein the business object parameters are associated with one of the widgets based on the user request (col.16, lines 6-33).
- wherein the application program is a network management application program (col.42, lines 54-67 and col.43, lines 1-13).
- wherein receiving one or more business objects that define functions of the application program comprises receiving an XML file that defines the business objects and one or more of the parameters for the business objects (col.49, lines 4-20).
- further comprising the step of generating, using the widget, client-side executable program code that performs one or more data validation or access control operations on user input for the user operation (col.39, lines 64-67 and col.40, lines 1-21).
- wherein the step of receiving a user request comprises receiving a user request from the browser and dispatching the user request to one or the actions, wherein the actions interact with the business objects through service object module interfaces that provide parameter values for the business objects to the actions (col.41, lines 37-57 and col.42, lines 21-34).

- receiving user input in a field of the user interface that is associated with the widget, wherein the user input is received in HTML elements of an HTTP request from a browser (col.39, lines 56-67 and col.40, lines 1-10 and col.42, lines 21-34);
- converting the user input from the HTML elements into one or more programmatic objects having an appropriate data type for use by the application program (col.39, lines 56-67 and col.40, lines 1-10 and col.42, lines 21-34).
- further comprising the step of associating a first widget with a second widget, wherein the first widget and second widget are related by a containment hierarchy (figure 54).
- wherein each of the widgets represents one or more properties of the business objects by an HTML element (col.46, lines 1-6).
- wherein the step of generating an HTML user interface page that includes the panel further comprises generating an HTML user interface page that includes one or more of JSP files, static HTML elements, style sheets, or images (col.48, lines 12-14 and 23).

As for independent claim 12, Underwood teaches a method of automatically generating a consistent user interface for a network management application program (col.4, lines 50-61; note that “for a network management application program” is intended use), the method comprising the

computer-implemented steps of: receiving one or more definitions of service objects, wherein each definition specifies a user action for the network management application program (col.42,lines 4-34); receiving one or more metadata elements defining parameters for the user actions of the service objects (note the analysis of claims 1-2); invoking a controller that is communicatively coupled to one or more actions, widgets, and panels(note the analysis of claims 1-2); receiving a user request from the browser and dispatching the user request to one or the actions(note the analysis of claims 1-2); obtaining one or more parameter values from the service objects by interaction of the actions with service object model interfaces that are implemented by the service objects (note the analysis of claims 1-2); associating the service object parameter values with a widget selected from among the one or more widgets(note the analysis of claim 2); associating the selected widget with a panel selected from the one or more panels(note the analysis of claim 2); and generating an HTML user interface page that includes the selected panel(note the analysis of claim 2).

NOTE:

It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ

1038, 1039 (Fed. Cir. 1983) (quoting *In re Lemelson*, 397 F.2d 1006,1009, 158 USPQ 275, 277 (CCPA 1968)).

Response to Arguments

Applicant's arguments with respect to claims 1-43 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Inquires

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056. The examiner can normally be reached on Monday - Friday: 7:30- 5:00.

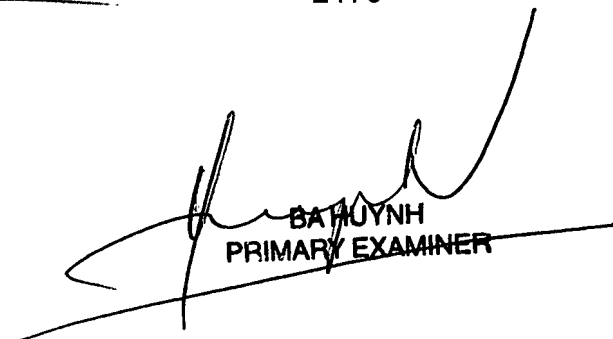
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



N. Augustine
August 16, 2007

Nicholas Augustine
Examiner
2179



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PRIMARY EXAMINER